

Approved Product List for Soil Retention Blanket Mulch

**Delaware Department of Transportation
Dover, DE 19903**

April 1, 2014

The Approved Product List (APL) is developed using data obtained from testing by the NTPEP (National Transportation Product Evaluation Program) Index Tests of Rolled Erosion Control Products, a cooperative effort by AASHTO, the Erosion Control Technology Council (ECTC), and by manufacturers of rolled erosion control blankets. The APL is further scrutinized by the field performance of products that have been used extensively in projects by the Delaware Department of Transportation (DelDOT) with satisfactory results.

Moreover, because of environmental concerns, DelDOT has used extensively only Erosion Control Blankets (ECBs) that have 100 percent biodegradable, natural, organic fiber nettings wherever these ECBs can withstand the design shear stresses. Therefore, the following guidelines will be followed:

1. On grass channels that have maximum shear stress at design flow of less than or equal to 2 pounds per square foot, all Rolled Erosion Control Products (RECP) will have 100 percent biodegradable, natural, organic fiber nettings. These are short-term biodegradable blankets.
2. On grass channels that have maximum shear stress at design flow greater than 2 pounds per square foot, only RECPs that are classified as long-term non-degradable blankets will be used. These products are termed Turf Reinforcement Mats (TRMs).

In order for a product to be added to DelDOT's Approved Product List and be eligible for use in DelDOT's construction and maintenance works, the product must meet the above guidelines.

Pre-approval procedures and the current APL may be obtained by writing to the Stormwater Engineer, Delaware Department of Transportation, P. O. Box 778, Dover, DE 19903, calling 302 760-2251, or viewing DelDOT's web page at '<http://www.deldot.gov/information/business/>'.

DelDOT reserves the right to remove a product from the APL or change its' classification when field performance proves the product to be unsatisfactory.

Soil Retention Blanket Mulch (SRBM)
DelDOT Approved Product List, April 1, 2014

SRBM Type, DelDOT Bid Item Number	Approved Products	
	Manufacturer	Product Name
Type 5, Item No. 735535 (Erosion Control Blanket)	American Excelsior American Excelsior American Excelsior East Coast Erosion Blankets East Coast Erosion Blankets Enviroscape ErosionControlBlanket.com ErosionControlBlanket.com North American Green North American Green Western Excelsior Western Excelsior Western Excelsior Western Excelsior	AEC Premier Coconut FibreNet AEC Premier Straw / Coconut FibreNet Curlex III FibreNet ECSC-2B ECC-2B C4000BD C32BD SC32BD C125BN SC150BN EXCEL CC-4 All Natural EXCEL CS-3 All Natural EXCEL S-2 All Natural EXCEL SS-2 All Natural
Type 6, Item No. 735536 (Turf Reinforcement Mat, Type 1)	American Excelsior American Excelsior East Coast Erosion Blankets East Coast Erosion Blankets ErosionControlBlanket.com Greenstreak Western Excelsior Western Excelsior <u>Plus Type 7 blankets</u>	Recyclax Recyclax TRM-V ECP-2 10oz ECSC-3 P42 PEC-MAT EXCEL PP5-10 EXCEL PP5-8
Type 7, Item No. 735537 (Turf Reinforcement Mat, Type 2)	Contech East Coast Erosion Blankets East Coast Erosion Blankets East Coast Erosion Blankets North American Green North American Green Propex Propex Propex Western Excelsior	TRM C-45 ECC-3 ECP-3 ECP-2 C350 P550 TRM Landlok 1051B Landlok 450 Pyramat EXCEL PP5-12